

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1.-137. (Cancelled)

138. (Currently Amended) A method for producing a polypeptide capable of stimulating an immune response against a molecule, the polypeptide comprising a fusion protein, the method comprising:

- (a) identifying a molecule against which the stimulation of the immune response is desired, the molecule consisting of a Group 2 allergen of a house mite of species *Dermatophagoides pteronyssinus* (Der p 2); and providing a host cell comprising an expression vector containing a nucleic acid sequence encoding the fusion protein, the fusion protein comprising a Group 2 allergen of a house mite of species *Dermatophagoides pteronyssinus* (Der p 2) fused to a Fve polypeptide;
 - (b) expressing the encoded fusion protein; and
 - (c) recovering the fusion protein
- (b) forming the fusion protein by joining the molecule as a first portion thereof with a second portion being an Fve polypeptide having a sequence shown as SEQ ID NO: 6 and comprising a mutation selected from the group consisting of: a mutation from R to A at position 27 of that sequence (R27A) and a mutation from T to A at position 29 of that sequence (T29A).

Claims 139-172. (Cancelled)

173. (Currently Amended) The method of Claim 138, in which wherein the fusion protein first portion comprises a Group 2 allergen of a house mite of species *Dermatophagoides pteronyssinus* (Der p 2) and the second portion comprises fused to an FveR27A polypeptide having a comprising the amino acid sequence of shown as SEQ ID NO: 32.

174. **(Currently Amended)** The method of Claim 173, ~~in which the polypeptide wherein the fusion protein~~ comprises a Der p 2-FveR27A fusion protein comprising [[a]] ~~the amino acid sequence shown as of~~ SEQ ID NO: 44.

175. **(Currently Amended)** The method of Claim 138, ~~in which the first portion wherein the fusion protein~~ comprises a Group 2 allergen of a house mite of species *Dermatophagoides pteronyssinus* (Der p 2) ~~and the second portion comprises fused to~~ a FveT29A polypeptide ~~having a~~ comprising the amino acid sequence ~~of shown as~~ SEQ ID NO: 36.

176. **(Currently Amended)** The method of Claim 175, ~~in which the polypeptide wherein the fusion protein~~ comprises a Der p 2-T29A fusion protein comprising [[a]] ~~the amino acid sequence shown as of~~ SEQ ID NO: 46.

177. **(Currently Amended)** The method of Claim 138, ~~in which wherein~~ the polypeptide further comprises a glutathione S transferase (GST) moiety.

178. **(Cancelled)**

179. **(Cancelled)**

180. **(New)** The method of claim 138, wherein the Fve polypeptide further comprises a mutation from R to A at position 27 of SEQ ID NO: 6 (R27A).

181. **(New)** The method of claim 138, wherein the Fve polypeptide further comprises a mutation from T to A at position 29 of SEQ ID NO: 6 (T29A).